

MEETING NOTICE

This month's meeting will be held at
the Grace Presbyterian Church
2100 Tice Valley Blvd.,
Walnut Creek,
on January 16th at 8:00 P.M.

OUCH!! A cancellation by our prospective speaker and difficulty with communications over the holidays means that our January meeting program will be announced at the meeting!

AUCTION NOTICE

Start saving your money and junk! Our March 20th meeting will be a good old MDARC Auction, thanks to Peter Strauss, KO6R, who will be the chairman.

Northern California Emergency Net:
Sunday morning at 1000 on 3.920 MHz.

CIVIL DEFENSE

Emergency Frequency: 146.985



the CARRIER.....

Published Monthly by the Mount Diablo Amateur Radio Club

MDARC FIELD DAY CALL W6CX; 2M REPEATER WR6AHK; 220 REPEATER WR6ARG; MEMORIAL CALL SIGN W6LGW

Volume XXIX

January 1981

No. 1

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Secretary.....	KA6AOC, Dee Koester	438 Diablo Court, Martinez, CA	94553 228-8727
Treasurer.....	WA6YXY, Dick Brown	4125 Sacramento St., Concord, CA	94521 687-9048
Emergency Coordinator.	WA6OFI, Dave Greenhill	188 Brown Drive, Pacheco, Calif.	94553 686-6657
Board Member.....	WA6GON, Doug Smith	1369 Tree Garden Pl., Concord, CA	94518 unlisted
Board Member.....	K6XC, Ron Luttringer	440 Diablo Court, Martinez, CA	94553 229-3987

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Next Board Meeting at: C.C. County O.E.S. Building, 50 Glacier Dr., Martinez, Jan. 19, 8 P.M.

Deadline for next issue: Articles and Classified Ads by January 30, 1981.

The President's Corner....

As the year begins I look forward to its challenges with a sense of excitement and an awareness of the responsibilities it holds for me personally, as your new club president. I wish to thank the many club members and the new board who offered me their support and backing.

I would also like to express to each board member my own vote of confidence.

1980 was a banner year for the MDARC. We have proven ourselves to be an outstanding club. This year's challenge is not to better the records set by others, but to go beyond our own past achievements. Let us not be satisfied with yesterday's successes.

The awards we received last year are bringing us further recognition this year. We have been asked by the Pacific Division Directorate of ARRL to host their yearly convention. The purpose of the convention will be to exchange ideas beneficial to all club and league officials. It will be held January 31, 1981, 10:00 A.M. to 4:00 P.M. at the Holiday Inn, Concord, California.

We have a lot to be proud of and much to look forward to.

73,
Bill Leopold, WB6NMU

PERSONAL CONGRATS

I would like to take this opportunity to thank all those who helped with the last Christmas Party. It was a pleasure to work with you all.

Dee Koester, KA6AOC

My sincere thanks and congratulations to everyone involved in providing the club with another highly successful Christmas Party.

Parky, K6IMV

REMEMBER DJØQN ?

Some of you may remember Mitch Wolfson who was active in the club about three years ago before he moved to West Germany. He was WA6GSN.

Mitch went over to visit his YL. He tied the knot shortly after he arrived. His beautiful wife, Waltraud now has a new addition to the Wolfson family on the way! Mitch's new harmonic is expected around January 4, 1981.

We all wish Mitch and Waltraud the best this upcoming year. Proud parents I'm sure they'll be.....

Doug, WA6GON

(Editor's note)

The above article should have appeared in a previous issue of the Carrier but was omitted because of lack of space. Following is a later supplement.

NEW ARRIVAL DEPARTMENT

WA6GSN/DJØQN, Mitch Wolfson is now the proud father of a baby boy, Michael Alexander Wolfson, 3330 Grams, 52 Cms. Mitch's wife, Waltraud is doing very well. Mike arrived on Sunday, December 28, 1980. Cards and letters may be sent to Mitch and Waltraud at:

Carl Von Lindestr. 35
8044 Unterschleissheim
West Germany

They would both love your letters and cards of congratulations! Mitch had been an active member of the MDARC until he traveled to Germany to VISIT his sweetheart about three years ago. (hi)
CONGRATS MITCH AND WALTRAUD! ! ! ! ! ! !

Doug, WA6GON

QST WANTED QST WANTED QST WANTED QST

Collector wants QST and 73 Magazines.
QST: All issues prior to the year 1932 and the entire year of 1943.
73: Issues prior to 1970 (let me know what you have).

Doug Smith, WA6GON
1369 Tree Garden Place, Concord, 94518

RESERVATION REQUEST

M D A R C W A S H I N G T O N ' S B I R T H D A Y B R E A K F A S T

Please make reservations for the following persons for the February 16th breakfast at the Concord Inn, 1401 Willow Pass Road, Concord. (two blocks east of I-680)

A check is enclosed for \$5.55 per person. (Total \$_____). Make checks payable to MDARC and mail to P.O. Box 23222, Pleasant Hill, CA 94523 or hand to Paul Taylor at club meeting.

Signed _____

(Checks must be received no later than Feb. 11th)

MINUTES OF THE DEC. 22 BOARD MEETING

QTH: O.E.S. 50 Glacier Dr., Martinez, CA
Meeting called to order at 8:07 P.M. by
President Bill Leppard.
Those present were K6XC, WA6MWU, WA6TXM,
WA6YXY, W6KLM, WA6DQN, WA6OFI, WB6AEG, K6IMV,
W6LKE, WA6JLF, W6CU and KA6AOC.
CORRECTION TO MINUTES to read, "silent key
tag", instead of, "silent key plaque", for
Lou Mangini, W6KDB.
M.M.S. & P. that minutes be accepted as
corrected.
UNFINISHED BUSINESS: Membership certificates
to be completed. Membership chairman will
again be Warren Peterson, who received a
round of applause for accepting another year
and a job well done in 1980.
CLUB HISTORY is being taken care of by Chuck
Welch and is soon to be completed.
AUCTION: Still looking for a chairman.
SPEAKER FOR JANUARY MEETING: Not decided as
yet but several possibilities discussed.
GEORGE WASHINGTON BREAKFAST: Feb. 16, 1981.
Speaker to be announced.
CHRISTMAS PARTY 1981: Reservation to be made
at P.H. Recreation Center for Dec. 13, 1981.
SECRETARY: Christmas greetings returned to
Chet and Pat Pascoe, WD5JGP and WD5JGQ.
TREASURER: \$510.00 received from dues for
1981 with a total of \$847.45 in treasury.
Hal, W6CU suggested an audit to be taken
care of by Parky, K6IMV, chairman of audit
committee.
M.M.S. & P. to continue Computerland ad.
EMERGENCY COORDINATOR: Dave, WA6OFI report-
ed no emergencies at present time.
AWARDS: Doug, WA6GON, commended for his
excellent job as awards committee chairman.
Thx Doug.
CARRIER EDITOR: All agreed that the job
being done by Clay, WD6GDG is most excell-
ent. Thx Clay.
CAR POOL NET: Dropped due to lack of int-
erest.
DOOR PRIZE CHAIRMAN: Joe Gregory said it
will continue to be self-supporting.
EDUCATION CHAIRMAN: Still needed for 1981.
FIELD DAY: Left open.
SPECIAL BOARD MEETING: To be held Jan. 5
at 8:00 P.M. at the O.E.S Building and all
board members and committee chairmen are
requested to attend.
PUBLIC RELATIONS: Chairman needed.
PUBLIC SERVICE: Chairman needed.
SOCIAL CHAIRMAN: Chairman needed.
T.V.I.: Chairman needed.
3895 PARKY NET: Parky will again be net
control. Thank you Parky.

YOUTH COMMITTEE: Dropped due to lack of
interest.

TECH FORUM: Larry, W6JLE will again be net
control and thx Larry for a great job.

COFFEE COMMITTEE: Looking for new chairman
with thanks from the Board to Fred, W6JLF
and all those involved for so long.

REPEATER GROUP: New chairman discussed.

NEW BUSINESS: MDARC will be host to the
ARRL Pacific Division Directorate meeting
to be held at the Holiday Inn in Concord.
M.M.S. & P. that new members be approved.
M.M.S. & P.: Meeting adjourned at 10:55.

Respectfully submitted,
Dee Koester, KA6AOC,
Secretary

ALUMINUM RECYCLING

The awards ceremony at the Christmas
Party was brought to you by the MDARC
Awards Committee: WA6GON, VE2AQV, W6KLM,
Dick, "WIHMT/6" Squires (hi) and WB6PQM.

Paying for the awards were in part the
MDARC (club) \$50 and ALUMINUM RECYCLING
making up the balance. Total expenditure
for seven plaques, fifty six certificates
and miscellaneous gags was approximately
\$115. So far I have paid up to \$90 with
recycling monies.

The following groups and individuals
have helped make the success of this re-
cycling effort possible: The Base Stat-
ion, Canorama, the Dispatchers of the
Concord Police Department, Dick Squires,
Mark, WA6OVL, Parky, K6IMV, Joe, WA6DQN
and Doug, W6KLM and family.

Recycling now pulls in about \$13 per
month or \$156 per year! I certainly
believe if there was more club partici-
pation \$30 per month might be possible.
Actually, the sky is the limit!

To do your part, bring your recycl-
able aluminum to each club meeting and
I will pick it up. Or, bring your cont-
ribution to my house if that is easier
for you.

Household aluminum, cans, antennas
and parts, old lawn furniture can all be
recycled as long as the entire piece is
aluminum. So far, aluminum cans have
been the bulk of the contributions. One
old AM rig chassis was donated by, "you
know who" for the cause. A fitting end!

Please help! RECYCLE! Make our
treasury BIG!

Doug Smith, WA6GON
1369 Tree Garden Place, off Mohr Lane
Concord, Calif. 94518

News from down south
THE SOUTHERN CHAPTER

By Jerry, WA6CUP

I'd like to start this month's column by reminding all Southern Chapter members that 1981 MDARC membership fees are due at this time. For those who may have missed news of the dues increase, it's now \$10.00 per year, payable in January. If the Southern Chapter folks don't pay there won't be a Southern Chapter and this scribe will be out of a part-time writing job!

Keith, N6CKT, is the last of the current Southern Chapter members to be featured in this column. He promises a photograph and some biographical information in time for next month's column. Maybe if Jim, WA6TFS, re-ups his membership in 1981 we can get a picture of him operating fire engine mobile and feature him in the March issue.

By way of summary of recent events, Orv Owen, W6BSL, has been working much too hard at the salt mine. So hard that he has been absent from the 3895 net for what seems like months. Come to think of it, it has been! Those of you who know Orv and who doesn't, ought to drop him a card and remind him to relax a little. After all, when you don't have time to check into the Parky net your priorities need some adjustment.

Joe, WA6PVA, used to tell everybody that he spent his winters in Baker, Oregon relaxing. Well maybe in the past, but not this year. Joe and Sharon decided to relocate the radio room from upstairs down to the garage. Now for most of us that would be a simple enough task. Unplug a couple of A.C. cords, re-route some coax and presto, the job's done. However, when your radio room resembles the display counter at the "Base Station", it gets a little more complicated. Oh well, with any luck Joe will get it all done just about the time spring training starts.

That well known ham about town Bob, W6TIO, just got promoted by T.W.A. Following a month of study in New York scheduled for January (boy, that's great scheduling) Bob will move up to 747 aircraft. With any luck he might get to fly the non-stop polar route from L.A. to London. If that happens we can listen for W6TIO/aeronautical mobile or W6TIO/G. Congratulations on the upgrade.

The local South Orange Amateur Radio Association was recently successful in causing the defeat of a restrictive antenna ordinance in the City of Laguna Beach. It's amazing how much trouble we had to go to just to save WA6PVA's tower at his summer home. On the serious side, I hope that the current wave of antenna restricting legislation doesn't hit the MDARC area too hard.

Well, I guess that will about do it for this month. Hope everyone had a very enjoyable holiday season. Best of everything in the new year!

73, Jerry, WA6CUP

LEST WE FORGET!!

REMEMBER! The club gets \$1.50 for each ARRL new or renewal membership. Get your QST magazine each and every month in addition to all the other goodies offered by ARRL...

Mail your check for \$18.00 directly to the treasurer's address and he will promptly get your membership application on its way to ARRL Headquarters.

MDARC's 16TH ANNUAL

WASHINGTON'S BIRTHDAY BREAKFAST

Monday, February 16th, 1981 at

THE CONCORD INN

1401 Willow Pass Road, Concord
(Two blocks east of I-680)

\$5.55 per person for a
Sausage and eggs breakfast

Doors open at 9:00 A.M.

BREAKFAST SERVED AT 9:30 A.M.

GUEST SPEAKER

BILL STEVENS, W6ZM

ARRL PACIFIC DIVISION DIRECTOR

Reservations and prepayment are necessary! Using the enclosed form, mail your check, made out to: MDARC and mail to P.O. Box 23222, Pleasant Hill, CA 94523. Checks must be received no later than Feb. 11th. Or, you may pay me at the January 16th monthly club meeting.

Paul Taylor, WA6TXM

THE BASE STATION

DENTRON RT-3000 Rotary Inductor Tuner
160-10M..... \$299.50
DENTRON AT-3K DeLuxe 3KW 160-10M Tuner
\$259.50
KENWOOD TS-130S 80-10M 12 volt digital
Transceiver... \$759.95
CUSHCRAFT ATB-34 Four element 3 band
Reg. \$320... SALE \$199.95
CUSHCRAFT ARX-2 Ringo Ranger 2M vertical
Reg. \$45... SALE \$29.95
HUSTLER 4BTV Four band vertical
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1981 DX CALLBOOK.....\$16.95
1981 ARRL HANDBOOK....\$10.00

1981 Communications World/White's
Radio Log \$1.95

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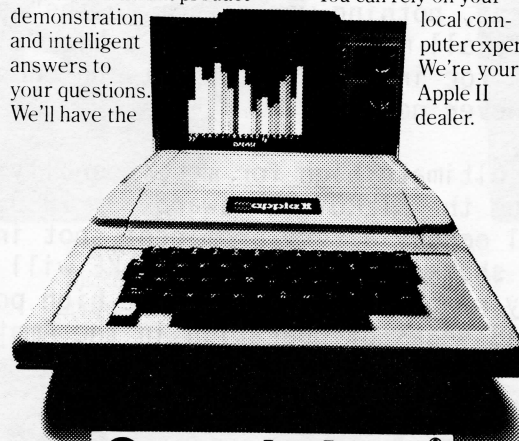
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See Russ-KA6BPN

GRID LEAKS FROM THE EC (X-EC that is).

It has been a great boost to my "moral coporosity" to have represented MDARC as EC for the past few years. My hearty congratulations go to DAVE Greenhill, WA6OFI on his election to the EC office for 1981.

A few things took shape during my term as EC with a great deal of credit being due to the efforts of DOUG Smith, WA6GON, EC for Diablo Chapter of the American Red Cross; RON Miller, WB6JGV, EC for Contra Costa County RACES; BILL Van Voorhis, WA6ZFZ, EC Eastern Coco County; DICK Thomas, WA6ODA (SK), EC Central Coco County; DAVE Tyler, recently re-licensed as N6DRT, EC West Coco County and recently elected president of the East Bay Radio Club as well as to HANK, W6ZHY, advisor par excelance. Each did an exceptional job at their post, providing a lot of good input and supplying a great quantity of plain old "elbow grease", to make the communications emergency response organization fly. Of course, nothing works from "plans" alone, so to all members of MDARC a big "tip of the cap" for individual support and cooperation whenever needed.

The ultimate high for me personally just had to be the KILROY KEY award for 1980. It will occupy a very prominent spot in my ham shack and the log of W6LKE will properly record the event as the high point in my 48 years of operation in the Amateur Radio Service. What can I say?? THANKS, I am indeed honored!

I shall continue as District Emergency Coordinator for Coco County, to work at public service on behalf of the Ham fraternity and I look forward to continued very close association with the ECs of the county.

Vy 73 Dwayne

P.S. Refer to heading of this note. HONK if you know what a grid leak is.



PAST PRESIDENT CHUCK WELCH, WA6MWU WELCOMING PRESIDENT ELECT BILL LEOPPARD, WB6NMU.



OUR NEW VICE-PRESIDENT PAUL TAYLOR, WA6TXM BEING WELCOMED BY PRES. BILL LEOPPARD, WB6NMU.



DOUG SMITH, WA6GON AWARDED TO LARRY A. FORUM, THURSDAY, DECEMBER 11, 1980.



PRES. BILL LEOPPARD PRESENTING PAST PRESIDENT PLAQUE TO 1980 PRESIDENT CHUCK WELCH.

EMBER 14, 1980

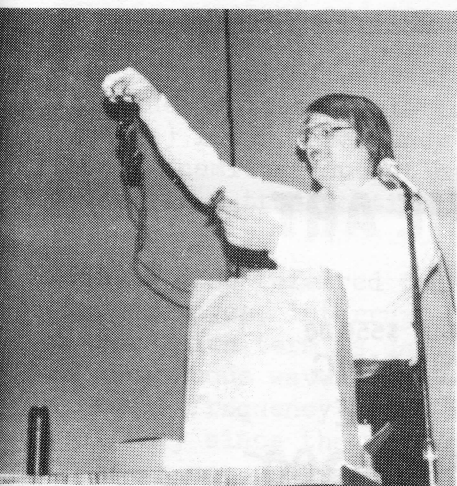
ANYONE DESIRING COPIES OR ENLARGEMENTS OF
CHRISTMAS PARTY PHOTOS CONTACT RON ELY, ANTIOCH-PHONE: 754-6909



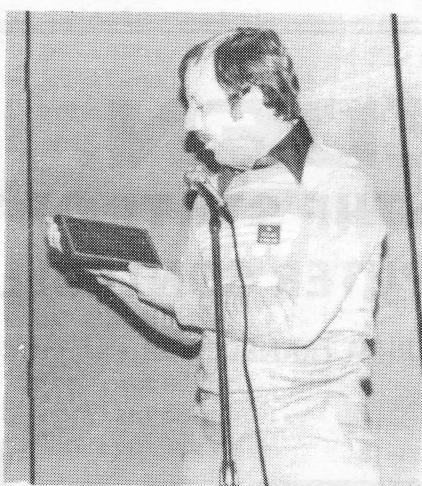
LEE PARKINSON, K6OBB, MILDRED AND HAL MUMFORD, W6CU RECEIVED CERTIFICATES OF APPRECIATION.



RON MILLER, WB6JGV ACCEPTING THE KILROY KEY AWARD FOR DWAYNE ESKRIDGE, W6LKE, PRESENTED BY HAL MUMFORD, W6CU.



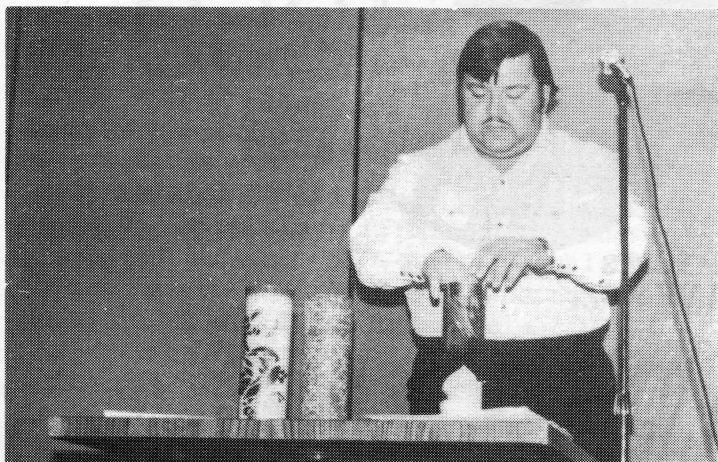
ON PRESENTING THE "DR. RADIO"
CHIBALD, W6JLE (2M TECH
AT 8 PM - 147.06/ 147.66)



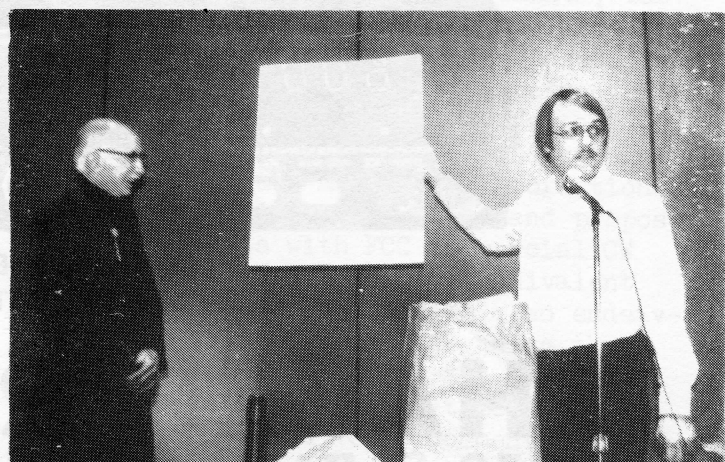
RON MILLER, WB6JGV REC-
THE 'SUPERIOR SERVICE
AWARD FOR HIS RACES WORK.



PARKY, K6IMV AND LEE, K6OBB
WERE AWARDED CERTIFICATES OF
APPRECIATION.



MAGICIAN MAK KING, WB6EKT WAS THE
OPENING ACT FOR THE EVENING'S
ENTERTAINMENT.



DOUG SMITH, WA6GON PRESENTING THE
"LOSS-PROOF" CARRIER TO WARREN
PETERSON, WB6AEG.

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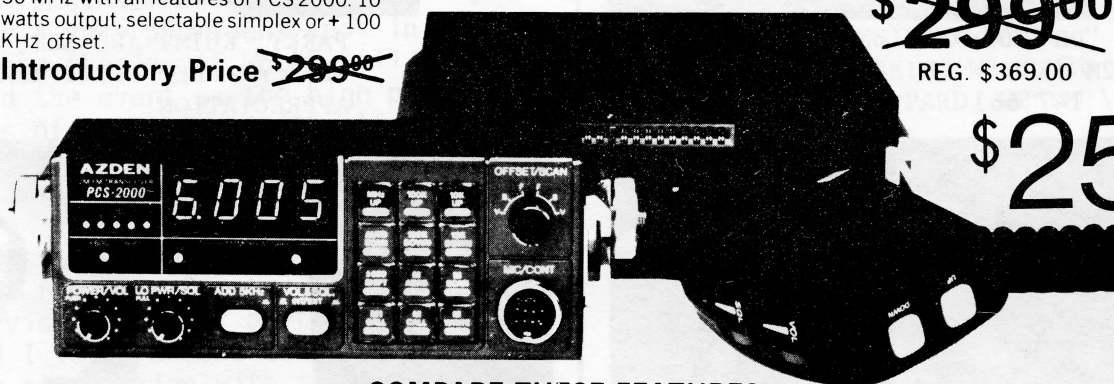
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EXCERPT:

It is a common error to refer to radiotelegraphy as CW. Continuous waves (CW) being electromagnetic waves that are generated in a continuous train of identical oscillations can be interrupted in a known sequence (code) or it can be modulated in amplitude, frequency or phase (AM, FM or PM voice) to convey information. In other words, CW is the basic carrier (AØ, FØ or PØ) before it is changed to convey intelligence.

The term, "CW" applies with far greater accuracy to voice transmissions than to code transmissions. As an example, when operating an AM voice transmitter, the output is pure CW at all times when no modulation exists, such as when the operator is not speaking. When the operator speaks and the output carrier is modulated, the carrier frequency remains constant and the amplitude is varied in accordance with the speech pattern; however, the carrier wave of the AM signal continues unless modulation reaches (or exceeds) 100 %. Frequency and phase modulation transmitter output carriers are also closer to a true continuous wave than a radiotelegraph transmission.

Code is also referred to as interrupted continuous waves, interrupted CW or ICW. No matter which term is used, these are defined as continuous waves that are interrupted at an audio frequency rate. This term is contradictory since the transmitted output wave train is not continuous if it is interrupted.

A similar ridiculous term that is often applied to radiotelegraph is, continuous wave telegraphy or CW telegraphy or CW telegraphy. It makes more sense to refer to CW voice than to CW telegraphy.

Code is a system of using known sequences of presences and absences of signal to convey intelligence and it is properly referred to as telegraphy. If the code transmission is in the form of a audio signal heard in the immediate vicinity of where it is sent, it is simply called a telegraph signal. If the code transmission causes an audio signal which can be heard (or a visual presentation) at some remote point interconnected by wire to the transmission site,

it is wire telegraphy. If the code is transmitted by radio it is radio telegraphy (wireless telegraphy). No matter how it is used, code (telegraphy) is not CW! CW is continuous wave, it is not anything else as far as radio is concerned.

The above condensed from article in LERC (Lockheed Employees Recreation Club) the Amateur Radio Club Bulletin.

Thanks to Bill Welsh, W6DDB!

HR Report...

Plain language amateur rules docket is due out in December 19, 1980 Federal Register, where it is likely to occupy 25 to 30 pages of small print. The Notice of Proposed Rule Making, PR Docket 80-279, includes both the texts of the present Part 97 rules and the proposed rewrite, plus explanations.

Significant changes, such as the deletion of all logging requirements and addition of a requirement that licensees must keep a copy of the Amateur rules on hand, also include a warning that the FCC can inspect a station, "at any time during the business day or any time your station is transmitting or has just finished transmitting." The new rules no longer tell an Amateur how he should make various measurements, but only how the FCC inspector would make them during a station visit. The proposed new rules also clarify rules on interconnects (phone patches), antenna heights, and emergency and prohibited communications. They also include much more information on exams, both written and code, and propose that applicants with FCC Commercial CW licenses get credit for the equivalent Amateur CW exam. The rewrite also endeavors to consolidate and reorganize the rules into a more concise and logical arrangement. Comments won't be due until June 19, 1981, and Reply Comments on August 19, 1981.

* * * C L A S S I F I E D * * *

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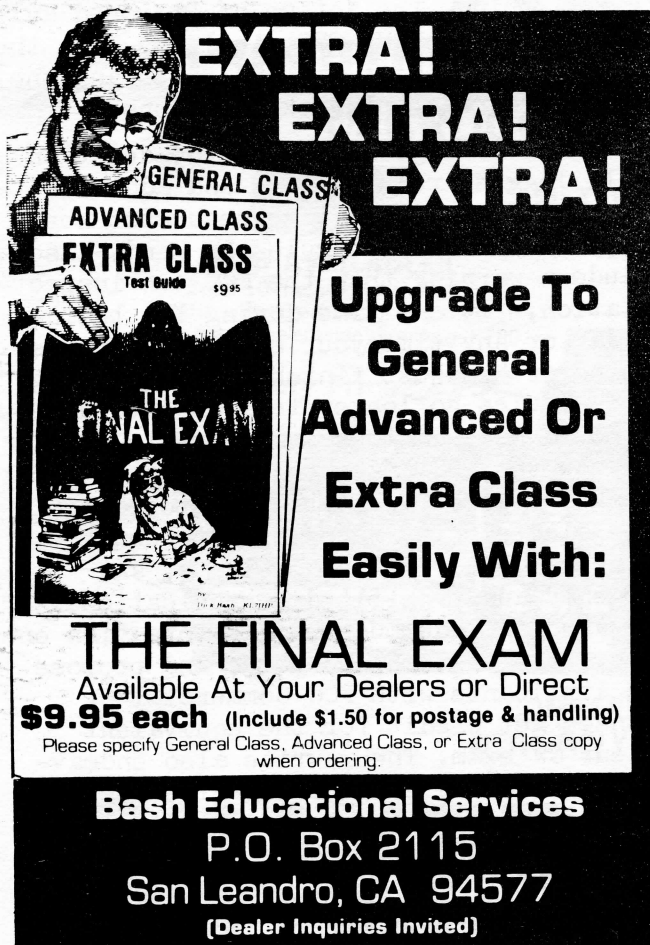
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EDITOR'S CORNER (hi)

Interesting material is continually needed for publication in the Carrier.

All members are invited to submit articles of interest to other hams along with your comments, pro and con, toward improving our club newsletter.

You don't have to be a Pulitzer Prize Winner to write a short (or long) article pertaining to Amateur Radio. Perhaps you have revamped your shack with the idea of making it easier to work in and would like to pass on your method of arranging your equipment. Tell us what you did and maybe include a photograph. We would all like to see it.

Scratch your heads and come up with something bright. It can be handwritten or typed and of course it will be edited for improper language and available space. If we don't print it in the next issue after we receive your material it will be in the following issue.

Give your article a title or we will do it for you, sign your name and call and watch for it to be in print.

73, Clay, WD6GDG

NOTICE!

If you have your ham gear covered by ARRL sponsored insurance and haven't heard of the new administrator and address it is as follows:

Albert H. Wohlers & Co., Administrator
ARRL GROUP INSURANCE PLANS
1500 Higgins Road
Park Ridge, Illinois 60068

If you have any questions regarding your policy you are invited to direct your inquiries to the above address.

There has been no change in your coverage, premium rates or insurance underwriter. The only change is with the administrator.

Incidentally, I have collected from this ARRL insurance for the loss of a Yaesu Memorizer that was swiped from my locked car. (Ed.)

OUR APOLOGIES!!

Last month's Carrier (December) had a nice little article thanking our advertisers and individuals for their thoughtful contributions toward our monthly club meeting door prizes, Christmas Party prizes and our auction prize.

Was our face red when we discovered we omitted two of our much appreciated and respected accounts.

Our very sincere apologies to the Bash Educational Services of San Leandro and to Computerland of Walnut Creek and now, Computerland of Concord.

Thanks very much to both of you for your treasured participation in the success of our club newsletter.

Editor, WD6GDG

THIS
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SPACE
COULD
HAVE
BEEN
FILLED
WITH
AN
ARTICLE
FROM
ANY
OF
OUR
OVER
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MEMBERS

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From:
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